BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer Project Division Yelahanka

Comparitive Statement

Name of work : Providing Sculpture/Murals at Parks, Lakes, and Junctions in Yelahanka Assembly Constituency.

Estimate cost:- 200.00 Lakhs

Amount put to Tender in Rs : 200.03Lakhs

Work Order No & Date: BBMP/EE/YNK.D/EPMT-21/WO/11/2022-23 Dated:02-06-2022

Agency: Sri SHANKARAPPA T K[MESPC Infra Projects Private Limited]

Sl. No.	Description	Unit	Qty. as per Schedule-B			Total Qty as per Executed	Qty upto 125%			Qty above 125%			Total Amount as per Executed	Savings	Excess	Remarks
			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
1	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc. either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches. stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods	Cum	150.00	338.74	50811.00	580.64	187.50	338.74	63513.75	393.14	338.74	133172.24	196685.99	0.00	145874.99	As per site condition
2	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.	Cum	11.25	2751.86	30958.43	7.50	7.50	2751.86	20638.95	0.00	2751.86	0.00	20638.95	10319.48	0.00	As per site condition
3	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix M15 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.	Cum	15.00	6706.56	100598.40	183.72	18.75	6706.56	125748.00	164.97	6706.56	1106381.20	1232129.20	0.00	1131530.80	As per site condition
4	KSRB 4-1.5 : Providing and laying in position plain cement concrete of Mix M20 with OPC @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications	Cum	11.25	6741.03	75836.59	173.22	14.06	6741.03	94795.73	159.16	6741.03	1072885.48	1167681.22	0.00	1091844.63	As per site condition
5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications	Cum	33.94	227.72	7728.82	643.67	42.43	227.72	9661.02	601.25	227.72	136915.51	146576.53	0.00	138847.72	As per site condition
6	Conveying the excavated earth, debris etc., with all lead and lifts Including loading and unloading chargesetc., complete as per the direction of Engineer incharge.	Cum	116.06	70.38	8168.30	306.17	145.08	70.38	10210.38	161.10	70.38	11337.87	21548.24	0.00	13379.94	As per site condition
7	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings. bases of columns for mass concrete including cost of all materials, labour complete as per specifications	Sqm	85.31	292.29	24935.26	102.00	102.00	292.29	29813.58	0.00	292.29	0.00	29813.58	0.00	4878.32	As per site condition
8	KSRB 4-6.6 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars,post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications	Sqm	67.31	1034.36	69622.77	24.00	24.00	1034.36	24824.64	0.00	1034.36	0.00	24824.64	44798.13	0.00	As per site condition

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			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
9	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications.	Cum	89.81	7383.34	663097.77	109.19	109.19	7383.34	806216.43	0.00	7383.34	0.00	806216.43	0.00	143118.66	As per site condition
10	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM	Tonne	8.96	99036.47	887366.77	4.97	4.97	99036.47	492441.02	0.00	99036.47	0.00	492441.02	394925.75	0.00	As per site condition
11	PROVIDING, SUPPLYING, INSTALLATION, TESTING AND COMMISSIONING OF 9 MTS LED ART TOWER LIGHTING (1 UNIT) with custom design of Design supply erection and commissioning of burgeon shaped tree. a) Fabrication of external dimension of structure is dia 4472mm at ground dia 9634mm at top height 9075mm from ground. b) The structure has total of 10 no. Of horizontal support 7 nos of 4472mm dia,1nos Of 6193 mm dia, 1nos Of 7914 mm dia, 1no Of 9634mm dia c) Horizontal anular rings are made up of 25mm od 2mm thick MS tubes rolled into arc with CNC machine for accurate and repeatable shapes. d) The structure has 18 to 20 no. Of vertical supports around the vertical rings equi spaced made up or 25mm od MS tube 2mm thick and bent into tree shapes. e) The structure is degresed and coated with zinc chromate primer at dispatched for effective corrosion protection. f) The burgeon tree structure is split into minimum of 4 sectors for ease of erection transportation and availability of material, at site the 4 sectors will be welded or mechanically fastened., g) 1800 nos LED Pixel Dot, Color: RGBW, Protection: IP65, Power consumption: 1.44W, PixelHousing	Nos	3.00	6136650.00	18409950.00	2.00	2.00	6136650.00	12273300.00	0.00	6136650.00	0.00	12273300.00	6136650.00	0.00	As per site condition
	EIRL															
E1	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum								30.60	6063.39	185553.31	185553.31		185553.31	As per site condition
E2	Providing and laying flooring and steps fine dressed granite stone slabs 40 mm thick on cement mortar bed 1:6, 25 mm thick, and pointed with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications	Sqm								28.14	2699.75	75970.92	75970.92		75970.92	As per site condition
E3	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site. spreading, grading to required slope and compacting to meet the requirement complete as per specifications. including cost of labour rolling,water,all materials,usage& all other appurtenaces required to complete the work.	Cum								342.94	455.43	156187.85	156187.85		156187.85	As per site condition

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			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
E4	Providing and fixing of Ornamental Granite Pillar of overall height of 800mm 200x200sqmm, Octagonal to a height of 820mm and carving design at bottom as shown in drawing .and 280mm respectively as per the approved Design and drawing including quarry cutting to the required size and transporting the same from quarry to work spot\ including loading and un loading with all lead and lift etc. complete as per design and drawing. The work shall be carried out as per design and drawing. Firmly fixed to the ground by means of properly designed foundation of size 300mm x 300mm x 300mm in 1:1.5:3 ratio cement concrete The work shall be carried out as per the engineers in charge of the work etc. and completion of the work as per directions of the Engineer-in-charge	Nos								32.00	12500.00	400000.00	400000.00		400000.00	As per site condition
E5	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts	Kg								1392.78	566.46	788953.48	788953.48		788953.48	As per site condition
E6	1.1kV LT, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath armoured UG LT cable as per IS-1554 (Part1) or IS-7098 Part-1, Armouring strip thickness in average ± 5% and resistivity 14 Ohms/Kms (Max) as per IS-3975	Km								0.51	58320.20	29743.30	29743.30		29743.30	As per site condition
E7	Sprinkler System:Providing and Fixing Sprinkler System with in the site by Using 25mm/10kg, 40mm/6kg good quality PVC pipes, ISI marked sprinklers, Control valves and Fitting etc., Including excavation and backfilling trenches (Excluding of Providing borewell, Electrification & pump) As per the specification and direction of the Concerned officer, Rates may be quoted asper data rate Specific to the field condition.	Each								6.00	4000.00	24000.00	24000.00		24000.00	As per site condition
E8	Development of Lawn:Cleaning the site by Scraping and removing Top layer of Soil,Removing Unwanted Debris,Grass Along With Excavted Earth To A Distance Of 500m From The Spot Including Lead Lift Loading And Unloading Charges[1*1*0.15m]	Sqm								129.39	69.04	8932.74	8932.74		8932.74	As per site condition
E9	1st Digging For Lawn: Earthwork Digging Including Removing Weeds, Debris, If Any and Breaking of Clumps Watering Etc To a Depth Of	Sqm								129.39	97.16	12571.05	12571.05		12571.05	As per site condition
E10	Soil Filling For Lawn: Supply And Stocking Good Quality Red Earth Etc For Filling The Top Layer To a Depth of 0.15m [1*1*0.15]	Sqm								129.39	48.58	6285.52	6285.52		6285.52	As per site condition
E11	Soil Filling For Lawn: Supply And Stocking Good Quality Red Earth Etc For Filling The Top Layer To a Depth of 0.15m [1*1*0.15]	Sqm								129.39	65.81	8514.83	8514.83		8514.83	As per site condition
E12	Soil Filling For Lawn: Providing Sand,FYM And Red Earth in the Ratio of 1:3:6 And Spreading To a Depth of 7.5cm At the Required Site	Sqm								129.39	53.80	6960.91	6960.91		6960.91	As per site condition
E13	Supply Of Lawn Grass: Laying of barbada gross over newly laid red earth surface with all lead and lift and directions of the Engineer-in-charge of the work.	Sqm								129.39	15.00	1940.78	1940.78		1940.78	As per site condition
E14	Crawler mounted Crane 35 t capacity	Hr								72.00	4735.29	340940.94	340940.94		340940.94	As per site condition

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			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount				
E15	Supply And Fixing Of BBMP Logo Of 40" Height And 24" Width Made Of Stainless Steel Plate With Buffed And Mirror Finish 2mm Coating it With Titanium Nitride For Gold Colour Including With All Lead And Lift And Completion Of The Work As Per Direction Of Engineer in Charge Of The Work	Nos								4.00	100000.00	400000.00	400000.00		400000.00	As per site condition
E16	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work	Cum								350.00	73.64	25773.93	25773.93		25773.93	As per site condition
E17	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges) (Approved Rate)	Nos								933.00	531.84	496209.52	496209.52		496209.52	As per site condition
E18	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm								147.00	96.30	14155.84	14155.84		14155.84	As per site condition
	Total Constrution Cost				**20329074.10**				**13951163.50**			**5443387.22**	**19394550.72**	**6586693.36**	**5652169.98**	

SANCTIONED ESTIMATE AMOUNT	20000000
SANCTIONED TENDER AMOUNT	20329074.10
WORK SLIP AMOUNT	2669475.07
% OF WORK SLIP COMP TO SANCTIONED TENDER COST	**13.13**
EIRL AMOUNT	2982694.91
% OF EIRL COMP TO SANCTIONED TENDER COST	**14.67**
SAVINGS	934523.38
Total % Savings to the Tendered Amount	4.6
EXCESS AMT TO AGREEMENT COST	0.00
% OF EXCESS AMT COMP TO SANCTIONED T	0.00

Assistant Engineer
Project Division Yelahanka

Asst.Executive Engineer
Project Division Yelahanka

Executive Engineer
Project Division Yelahanka